

Title (en)

METHOD AND SYSTEM FOR CONSENT TO TIME-BOUND QUERIES IN A BLOCKCHAIN

Title (de)

VERFAHREN UND SYSTEM ZUR ZUSTIMMUNG VON ZEITGEBUNDENEN ABFRAGEN IN EINER BLOCKCHAIN

Title (fr)

PROCÉDÉ ET SYSTÈME DE CONSENTEMENT À DES DEMANDES LIÉES AU TEMPS DANS UNE CHAÎNE DE BLOCS

Publication

EP 3900257 A4 20220921 (EN)

Application

EP 19898970 A 20191115

Priority

- US 201816221992 A 20181217
- US 2019061620 W 20191115

Abstract (en)

[origin: WO2020131260A1] A method for automatically provisioning data for an opaque blockchain based on prior consent includes: receiving a consent request including transaction criteria and at least two digital signatures, the first digital signature generated by a regulating entity and the second digital signature generated by a moderating entity in a blockchain network; validating the first and second digital signature; digitally signing the received consent request using a private key of a first cryptographic key pair; transmitting the digitally signed consent request to the regulating entity; receiving a query request from the regulating entity, the query request including an executable query; executing the executable query to identify transaction data for electronic transactions in compliance with the transaction criteria; and transmitting the identified transaction data to the regulating entity.

IPC 8 full level

H04L 9/00 (2022.01); **G06Q 20/10** (2012.01); **H04L 9/08** (2006.01); **H04L 9/32** (2006.01); **H04L 9/40** (2022.01)

CPC (source: EP US)

G06Q 20/02 (2013.01 - EP); **G06Q 20/065** (2013.01 - EP US); **G06Q 20/3825** (2013.01 - US); **H04L 9/0637** (2013.01 - US); **H04L 9/0825** (2013.01 - US); **H04L 9/088** (2013.01 - EP); **H04L 9/14** (2013.01 - US); **H04L 9/3239** (2013.01 - EP); **H04L 9/3247** (2013.01 - EP US); **H04L 9/50** (2022.05 - EP); **H04L 63/00** (2013.01 - EP); **G06Q 2220/00** (2013.01 - EP US); **H04L 9/50** (2022.05 - US)

Citation (search report)

- [AP] US 2019034926 A1 20190131 - DAVIS STEVEN CHARLES [US]
- [A] US 2017344987 A1 20171130 - DAVIS STEVEN CHARLES [US]
- [A] BITFURY GROUP ET AL: "Public versus Private Blockchains", 20 October 2015 (2015-10-20), XP055381268, Retrieved from the Internet <URL:http://bitfury.com/content/5-white-papers-research/public-vs-private-pt1-1.pdf> [retrieved on 20170613]
- See also references of WO 2020131260A1

Designated contracting state (EPC)

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DOCDB simple family (application)

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